

FEB 12 2001

Sheet 1 of 2

FORM PTO-1449  
(REV. 6-89)U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeAttorney's Docket No.  
21816-04461Serial No.  
09/611,837

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant  
Pawan Goyal et al.Filing Date  
July 7, 2000Group Art Unit  
276

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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A 6 0 7 5 9 3 8	06/13/00	Bugnion et al.	395	500.48	06/10/98

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Document Number	Date	Country	Class	Subclass	Translation
					Yes No

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SL	B	Keshav, S., <i>An Engineering Approach to Computer Networking: ATM Networks, the Internet, and the Telephone Network</i> , Reading, MA, Addison-Wesley, 1997, pp vii-xi, 85-115, 209-355, 395-444
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SL	L	Rusling, D. A., Identifiers, [online], [retrieved on 12-07-1999]. Retrieved from the Internet: <URL: <a href="http://www.cebaf.gov/~saw/linux/tlk-html/node46.html">http://www.cebaf.gov/~saw/linux/tlk-html/node46.html</a> >
SL	M	Rusling, D. A., Scheduling, [online], [retrieved on 12-07-1999]. Retrieved from the Internet: <URL: <a href="http://www.cebaf.gov/~saw/linux/tlk-html/node47.html">http://www.cebaf.gov/~saw/linux/tlk-html/node47.html</a> >
SL	N	Rusling, D. A., Scheduling in Multiprocessor Systems, [online], [retrieved on 12-07-1999]. Retrieved from the Internet: <URL: <a href="http://www.cebaf.gov/~saw/linux/tlk-html/node48.html">http://www.cebaf.gov/~saw/linux/tlk-html/node48.html</a> >
SL	O	Rusling, D. A., Files, [online], [retrieved on 12-07-1999]. Retrieved from the Internet: <URL: <a href="http://www.cebaf.gov/~saw/linux/tlk-html/node49.html">http://www.cebaf.gov/~saw/linux/tlk-html/node49.html</a> >

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Sheet 2 of 2

<b>FORM PTOL 449</b> (REV. 6-89)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		Attorney's Docket No. 21816-04461	Serial No. 09/611,877
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Applicant Pawan Goyal et al.	
				Filing Date July 7, 2000	
				Group Art Unit 2763	

**U.S. PATENT DOCUMENTS**


Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

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Document Number	Date	Country	Class	Subclass	Translation
					Yes No

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α	Q	Huang, X. W. et al., "The ENTRAPID Protocol Development Environment," <i>Proceedings of IEEE Infocom'99</i> , March 1999, nine pages
α	R	Duffield, N.G., et al., "A Flexible Model for Resource Management in Virtual Private Networks," <i>Computer Communication Review Conference, Computer Communication, ACM SIGCOMM '99 Conference</i> , Cambridge, MA, 8/30/99-9/3/99. pp 95-108
α	S	Campbell, A. T. and Keshav, S., "Quality of Service in Distributed Systems," <i>Computer Communications</i> 21, 1998, pp 291-293
α	T	Bach, M. J., <i>The Design of the Unix® Operating System</i> , New Delhi, Prentice-Hall of India, 1989, pp v-x, 19-37
α	U	McDougall, R., et al., <i>Resource Management</i> , Upper Saddle River, NJ, Prentice Hall, 1999, pp iii-xix, 135-191
α	V	Rijsinghani, A., RFC 1624, May 1994, [online], [retrieved 02-02-2000]. retrieved from the internet: <URL: <a href="http://www.faqs.org/rfcs/rfc1624.html">http://www.faqs.org/rfcs/rfc1624.html</a> >
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<b>FORM PTO-1449</b> (REV. 6-89) <b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	Attorney's Docket No. 21816-04461	Serial No. 09/611,871
	Applicant Pawan Goyal et al		
	Filing Date July 7, 2000	Group Agent Technology Center	

**U.S. PATENT DOCUMENTS**

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**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

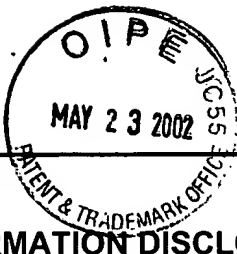
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✓	B	János, T., "Notes on 'A Hierarchical CPU Scheduler for Multimedia Operating Systems' by Pawan Goyal, Xingang Guo and Harrick Vin," [online], [retrieved on 5-8-2000]. Retrieved from the internet: <URL: <a href="http://cs.cornell.edu/Info/Courses/Spring-97/CS614/goy.html">http://cs.cornell.edu/Info/Courses/Spring-97/CS614/goy.html</a> >
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✓	D	Pending United States patent application entitled "Providing Quality of Service Guarantees to Virtual Hosts," serial number 09/452,286, filing date November 30, 1999
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✓	G	Pending United States patent application entitled "Disambiguating File Descriptors," serial number 09/500,212, filing date February 8, 2000
✓	H	Pending United States patent application entitled "Restricting Communication Between Network Devices on a Common Network," serial number 09/502,155, filing date February 11, 2000
✓	I	Pending United States patent application entitled "Restricting Communication of Selected Processes to a Set of Specific Network Addresses," serial number 09/503,975, filing date February 14, 2000
✓	J	Pending United States patent application entitled "Enabling a Service Provider to Provide Intranet Services," serial number 09/526,980, filing date March 15, 2000
✓	K	Pending United States patent application entitled "Dynamically Modifying the Resources of a Virtual Server," serial number 09/569,371, filing date May 11, 2000
✓	L	Pending United States patent application entitled "Regulating File Access Rates According to File Type," serial number 09/572,672, filing date May 16, 2000
✓	M	Pending United States patent application entitled "Modifying Internal Components of a Running Operating System," serial number 09/576,393, filing date May 22, 2000

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<b>FORM PTO-1449</b> (REV. 6-89)  <b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		Attorney's Docket No. <b>21816-04461</b>	Serial No. <b>09/611,877</b>
	Applicant <b>Pawan Goyal et al.</b>			
	Filing Date <b>July 7, 2000</b>		Group Art Unit <b>2123</b>	

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SL	B	US 6,192,512 B1	02/20/01	Chess	717	5	09/24/98
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<b>INFORMATION DISCLOSURE CITATION</b>					
(Use several sheets if necessary)					
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)					
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PTO-1449  
REV: 02/01

21816/04461/DOCS/1269874.1



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<b>Substitute for form 1449A/PTO</b>		<b>Complete if Known</b>	
		Application No.		09/611,877	
		Filing Date		July 7, 2000	
		First Named Inventor		Pawan Goyal	
		Art Unit		2123	
		Examiner Name		Kevin Teska	
Sheet	1	of	1	Attorney Docket Number	21816-04461

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
SL	A	US-5,212,793	05/18/1993	Donica et al.
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SL	D	US-5,584,023	12/10/1996	Hsu
SL	E	US-5,706,453	01/06/1998	Cheng et al.
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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
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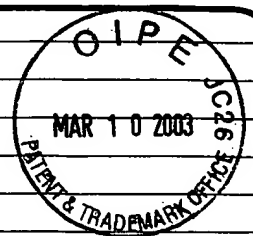
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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application No.	09/611,877
		Filing Date	July 7, 2000
		First Named Inventor	Pawan Goyal
		Art Unit	2123
		Examiner Name	Kevin Teska
Sheet 1 of 1	Attorney Docket Number	21816-04461	



U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
SL	A	5,528,753	06/18/1996	Fortin
SL	B	5,226,160	07/06/1993	Waldron et al.
		US-		
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SL	C	WO 99/39261	08/05/1999	The Learning Company	

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>	

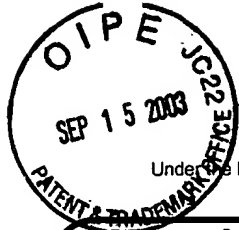
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Substitute for form 1449A/PTO			Complete if Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Application No.	09/611,877	
			Filing Date	July 7, 2000	
			First Named Inventor	Pawan Goyal	
			Art Unit	2123	
			Examiner Name	Kevin Teska	
Sheet	1	of	1	Attorney Docket Number	21816-04461


U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
SL	A	US-6,393,484 B1	05/21/2002	Massarani
SL	B	5,978,373	11/02/1999	Hoff et al.
SL	C	5,920,699	07/06/1999	Bare

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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

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Examiner Signature		Date Considered	01 / 21 / 2000
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application No.	09/611,877
		Filing Date	July 7, 2000
		First Named Inventor	Pawan Goyal
		Art Unit	2123
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